

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Box PCT, Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: August 28, 2002

Signature:   
(Brent LaBarge)

Rec'd PCT/PTO 04 SEP 2002

# 6

Docket No.: ASZD-P01-599  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Mortlock et al.

Application No.: 10/088,814

Group Art Unit: N/A

International Filing Date: September 18, 2000

Examiner: Not Yet Assigned

For: Quinazoline Derivatives and Their Use as  
Pharmaceuticals

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

Box PCT  
Commissioner for Patents  
Washington, DC 20231

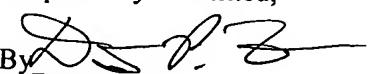
Dear Sir:

In response to the Notification of Missing Requirements (Notice) mailed July 22, 2002, Applicants respectfully submit a Combined Declaration and Power of Attorney, and a "Sequence Listing" which is compliant with the requirements of 37 CFR 1.821.

Please charge our Deposit Account No. 18-1945 in the amount of \$680.00 covering the fees set forth in the Notice. The Commissioner is hereby authorized to credit any overpayment or charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. ASZD-P01-599. A duplicate copy of this paper is enclosed.

Dated: August 28, 2002

Respectfully submitted,

By 

David P. Halstead, Ph.D.

Registration No.: 44,735  
ROPES & GRAY  
One International Place  
Boston, Massachusetts 02110-2624  
(617) 951-7000  
(617) 951-7050 (Fax)



## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
 United States Patent and Trademark Office  
 Washington, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/088,814	Andrew Austen Mortlock	Z70599-1
INTERNATIONAL APPLICATION NO.		PCT/GB00/03580
IA. FILING DATE		PRIORITY DATE
09/18/2000		09/21/1999
CONFIRMATION NO. 2356		
371 FORMALITIES LETTER		
*OC00000008486096*		

Date Mailed: 07/22/2002

*Due 9-22-02*

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements

CODE MPI	DATE 9-22-02	NTD
REC'D	JUL 30 2002	GIPUS
DATA ENTERED	MMG 7-30-02	
FINAL CHECK	EMJ	

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months months from the priority date (37 CFR 1.492(e)) is required.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Additionally the following defects have been observed:

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- **APPLICANT MUST PROVIDE:**
  - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
  - A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

- Additional claim fees of \$550 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$680 for a Large Entity:

- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$550
  - \$270 for 15 total claims over 20.
  - \$280 for multiple dependant claims surcharge.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

09/06/2002 SNAJARRO 00000069 181945 10088814

BARBARA A CAMPBELL

01 FC:154 130.00 CH  
02 FC:968 280.00 CH  
03 FC:966 270.00 CH

Telephone: (703) 305-3631

#### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/022 814	PCT/GB00/03580	770590-1

FORM PCT/DO/EO/905 (371 Formalities Notice)

PCT/PTO 04 SEP 2002

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

*Patent fees are subject to annual revision.*

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 680.00)

*Complete if known*

Application Number	10/088814
Filing Date	March 21, 2002
First Named Inventor	Andrew Austen Mortlock
Examiner Name	Not Yet Assigned
Group Art Unit	N/A
Attorney Docket No.	ASZD-P01-599

**METHOD OF PAYMENT (check all that apply)**

Check  Credit Card  Money Order  Other  None  
 Deposit Account

Deposit Account Number 18-1945  
 Deposit Account Name Ropes & Gray

The Commissioner is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		(\$ 0.00)			

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	-20** =	<input type="text"/>	x <input type="text"/>	= <input type="text"/>
Independent Claims	-3** =	<input type="text"/>	x <input type="text"/>	= <input type="text"/>
Multiple Dependent		<input type="text"/>		= <input type="text"/>

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		(\$ 0.00)		

\*\*or number previously paid, if greater. For Reissues, see above

**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid	
105	130	205	65 Surcharge - late filing fee or oath	130.00
127	50	227	25 Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify)		966; 968	Claims - extra total (over 20); Claims - multiple dependent	550.00
Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3)</b>		(\$ 680.00)

**SUBMITTED BY**

Name (Print/Type)	David P. Halstead, Ph.D.	Registration No. (Attorney/Agent)	44,735	Telephone	(617) 951-7615
Signature		Date	August 28, 2002		

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Dated: August 28, 2002 Signature: (Brent LaBarge)

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BOSTON, MA 02110-2824

FILE ASZD-POL-599 INT. DYH

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